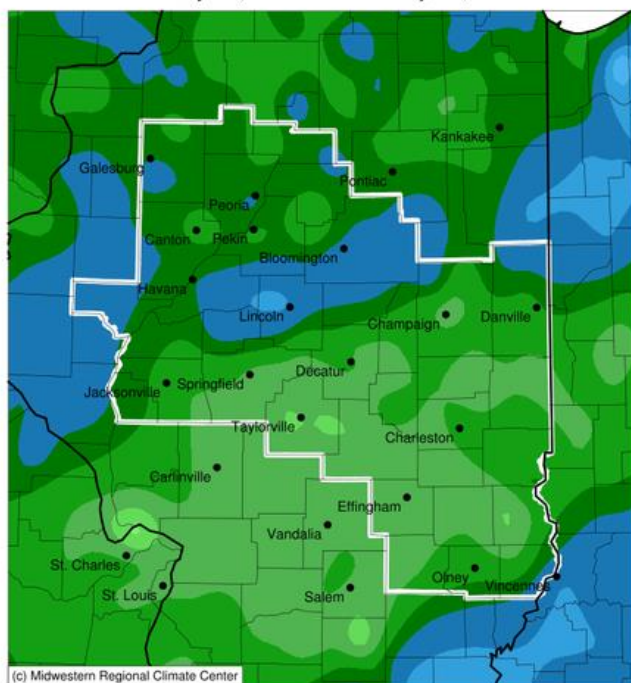


February 2023 Climate Summary

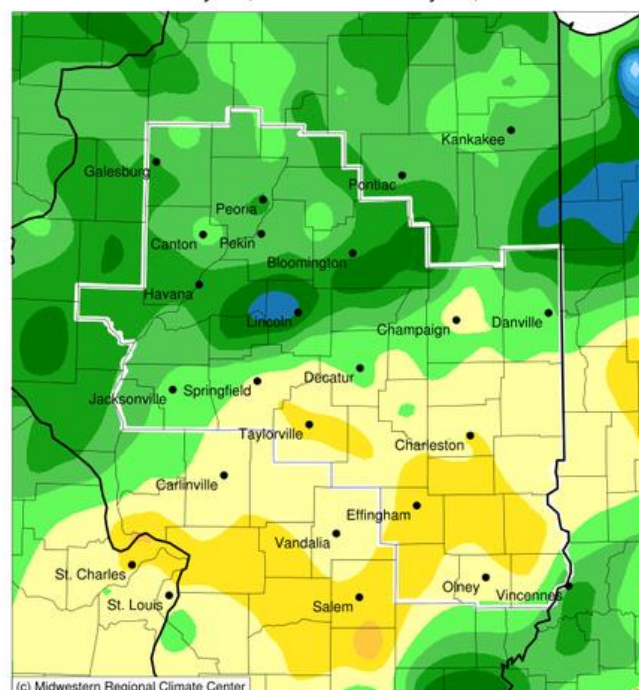
February 2023 Precipitation Highlights:

- Monthly rainfall was generally near or above normal across the northwestern half of our County Warning Area, CWA (outlined in white). This is in contrast to our southwestern CWA, where rainfall was near or below normal for the month of February. Lincoln was just over two and three quarters of an inch above normal, while Effingham was just under three quarters of an inch below normal.
- The weather pattern in February was pretty progressive, where a low pressure system would push across the region nearly every week. Most of the precipitation this month fell in the form of rain. A storm system on February 22nd brought the most significant rain to Illinois. The highest amounts were seen in a band across central sections of the state where storm totals ranged from around three quarters of an inch up to nearly three and half inches!
- Precipitation records for February...
 - Peoria:
 - Feb 22 - Record rainfall total of 1.41" (previous record: 1.06" in 1990)
 - Lincoln:
 - Feb 22 - Record daily and monthly max rainfall total of 3.40" (previous record: 1.06" in 1974)
 - 3rd wettest February on record (behind 1990 & 2018) - 4.69" total

Accumulated Precipitation (in)
February 01, 2023 to February 28, 2023



Accumulated Precipitation (in): Departure from 1991-2020 Normals
February 01, 2023 to February 28, 2023



0.01 0.1 0.25 0.5 1 1.5 2 2.5 3 4 5 6 8
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Missouri FSA, Missouri Mesonet, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 3/1/2023 9:53:58 AM CST

-1.5 -1 -0.5 0 0.5 1 1.5 2 2.5 3 3.5
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 3/1/2023 9:55:17 AM CST

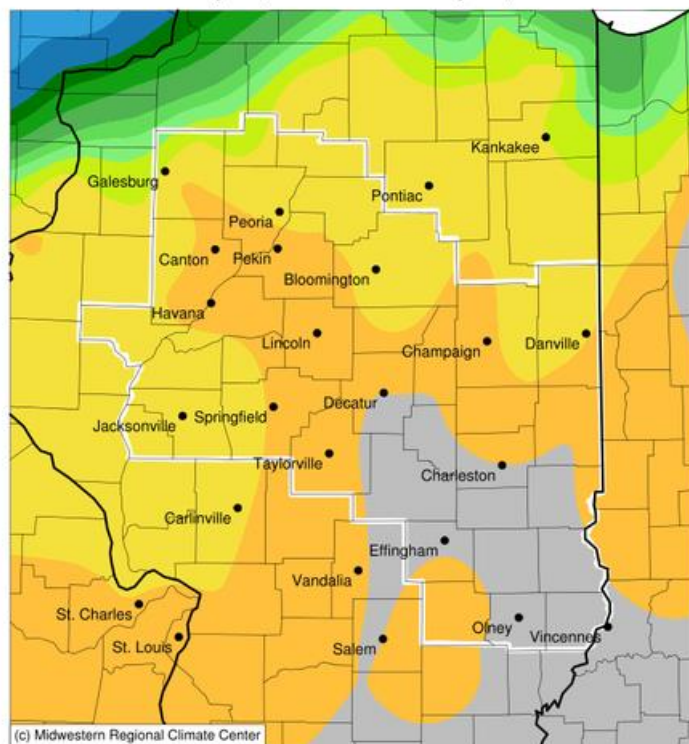


February 2023 Snowfall Highlights:

- Monthly average snowfall ranged from 2 to 7 inches below normal across central and southeast IL. Peoria saw some of the greatest deficits, coming in at 6.8 inches below normal for the month. February was nearly devoid of snow in February...with accumulations of less than an inch across the area. Many areas saw no snow or merely trace amounts.
- February 2023 ranked in the top 2 least snowiest Februaries on record with only 0.1" in Peoria and trace amounts in both Springfield and Lincoln.

Accumulated Snowfall (in)

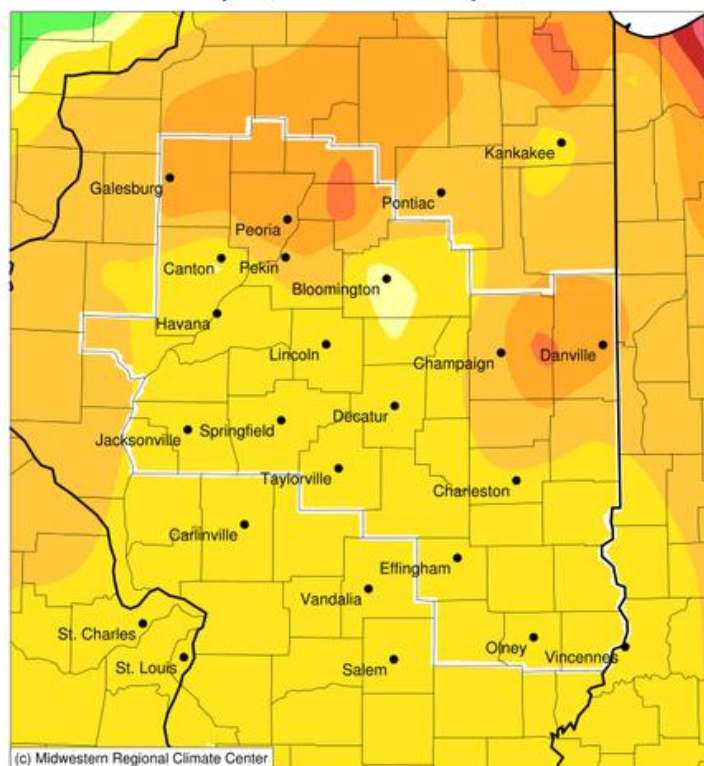
February 01, 2023 to February 28, 2023



0.01 0.1 0.5 1 1.5 2 3 4 5 7.5 10 12.5 15
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,
Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 3/1/2023 9:56:12 AM CST

Accumulated Snowfall (in): Departure from 1991-2020 Normals

February 01, 2023 to February 28, 2023

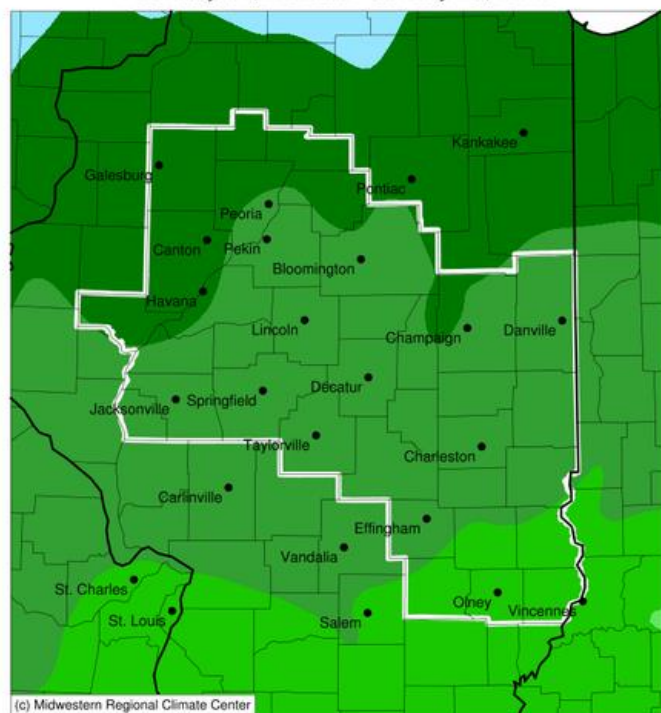


-14 -12 -10 -8 -6 -4 -2 0 2 4
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,
Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 3/1/2023 9:57:07 AM CST

February 2023 Temperature Highlights:

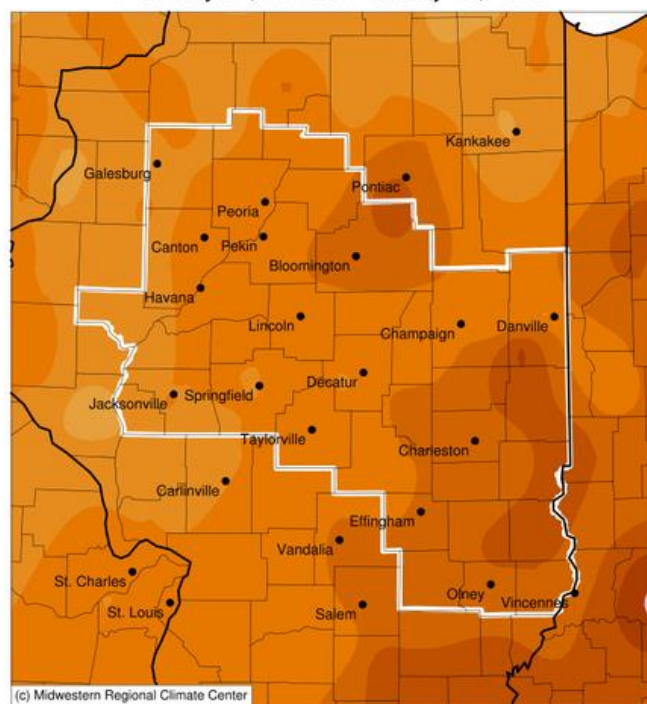
- Monthly average temperatures were 4 to 8 degrees above normal across central and southeast Illinois. Charleston was one of the warmest areas, coming in at 7.6 degrees above normal for February.
- Temperatures were generally above normal every day in February except the 3rd, 16-17th, and 25-25th. These came with the passage of cold fronts on the back side of low pressure systems that moved across the region. High temperatures in February largely ranged into the upper 40s to the 50s. Low temperatures were mainly in the upper 20s to the upper 40s. The coldest day of the month was February 3rd, with highs in the teens and lows in the single digits.
- Though temperatures were warmer than normal, no locations ranked in their top 10 for average monthly temperature.

Average Temperature (°F)
February 01, 2023 to February 28, 2023



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 3/1/2023 10:22:05 AM CST

Average Temperature (°F): Departure from 1991-2020 Normals
February 01, 2023 to February 28, 2023



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 3/1/2023 10:21:08 AM CST



Climate Statistics for February:

Site	Precipitation (inches)	Departure from Normal	Temperature (F)	Departure from Normal	Snowfall (inches)	Departure from Normal
Charleston	2.22	-0.47	41.5	7.6	0.0	-5.5
Danville	2.58	0.34	36.6	4.9	0.0	-2.8
Decatur	2.10	0.10	36.0	4.7	0.0	-2.5
Effingham	1.71	-0.73	N/A	N/A	0.0	-4.6
Galesburg	2.97	1.10	30.4	4.4	0.5	-6.1
Jacksonville	1.84	0.12	36.2	5.0	0.0	-4.3
Lincoln	4.69	2.77	36.5	5.9	0.0	-6.2
Normal	1.38	-0.61	N/A	N/A	0.0	-5.5
Olney	2.32	-0.25	40.1	6.8	0.0	-2.6
Paris	2.20	-0.13	36.7	7.4	0.0	-3.6
Peoria	3.32	1.33	35.9	5.9	0.1	-6.8
Springfield	2.09	0.16	37.4	5.0	0.0	-6.1
Taylorville	1.61	-0.39	N/A	N/A	0.0	N/A
Urbana	2.39	0.21	35.7	5.9	0.0	-5.8

The following links are the monthly climate summaries for area cities. Only the summaries for Peoria, Springfield, and Lincoln are considered "official", meaning they are the station of record for their respective locations. The other summaries are "supplemental", meaning another location in the area is the official climate station for the city.

[Peoria](#) -- Peoria International Airport

[Springfield](#) -- Abraham Lincoln Capital Airport

[Lincoln](#) -- National Weather Service Office

[Champaign](#) -- University of Illinois-Willard Airport

[Decatur](#) -- Decatur Airport

[Lawrenceville](#) -- Lawrenceville-Vincennes International Airport

[Mattoon](#) -- Coles County Memorial Airport

Climate data for other cities is available at <http://w2.weather.gov/climate/xmacis.php?wfo=ilx>



March 2023 Look Ahead:

- Official outlooks from NOAA's Climate Prediction Center (CPC) show below normal temperatures and above normal precipitation favored over central Illinois for March.

